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>Title: **JP4073863A2: POLE PLATE FOR LEAD-ACID BATTERY**

Country: **JP Japan**

Kind: **A**

Inventor: **HAYASHI YUJI;**

Assignee: **YUASA CORP**
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Published / Filed: **1992-03-09 / 1990-07-12**

Application Number: **JP1990000186672**

IPC Code: **H01M 4/14;**

Priority Number: **1990-07-12 JP1990000186672**

Abstract:

PURPOSE: To suppress the fall of an active material and lengthen the life of a battery by enclosing a paste type pole plate with a cloth having an elastic body such as a glass mat stuck onto the inside.

CONSTITUTION: An elastic body 2 is provided on a surface making contact with an active material of a paste type pole plate 1, which plate 1 is enclosed from above of the elastic body 2 with a bag consisting of a polyester fabric 3, and the bag is sewed with a high tension polyester thread 4. As the elastic body 2, in addition to generally used glass mats, fine glass mats used in a separator for sealed lead-acid battery and sponge sheets such as polyurethane are suitable. Thus, the elastic body 2 is pressed inward by the tension of the cloth 3 to prevent the fall of the active material of the pole plate 1 surface layer, and a long-life battery can be obtained with a simple manufacturing process.

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Family: None

Forward References:

PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US5618641	1997-04-08	Arias; Jeffrey L.	Bipolar Power Corporation	Bipolar battery construction

Other Abstract Info: **DERABS C92-202957 DERC92-202957**